



MAXXFORCE 7

ALWAYS PERFORMING.

The MaxxForce[®] 7 is a significantly upgraded V8 turbodiesel specifically designed to meet the needs of motor home owners. These upgrades include a high-pressure common-rail fuel system and an electric variable response turbocharger. Together with our 30 years of V8 leadership, these features deliver a better performing engine with outstanding power, performance, reliability and fuel economy.

A major key to MaxxForce 7 performance is its advanced high-pressure common-rail fuel system, which features extremely efficient piezo injectors and high injection pressure of 1900 bar (approximately 28,000 psi) for precise fuel dosing, injection timing and optimal combustion. The results: better fuel efficiency, in-cylinder reduction of emissions, and one of the quietest running diesel engines in the industry.



TIFFIN MOTORHOMES
WHEREVER YOU GO, WE GO.

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POWER

The MaxxForce 7 provides big power in an efficient V8 package. Improved fuel and air management systems yield higher peak power for impressive acceleration, grade climbing and towing capability.

PERFORMANCE

The industry's most precise high-pressure fuel injection system features electronically-actuated piezo injectors that deliver up to five independent injections per cycle for smooth, full combustion. This results in low noise, vibration and harshness and smooth acceleration for exceptional driveability.

RELIABILITY

The MaxxForce 7 was designed for maximum reliability and serviceability. More robust components and reduced electrical connections mean more uptime and faster service turnarounds. Unaided cold-starting performance down to -20° F assures reliable operation with every turn of the key, using a proven intake air grid heater.

LOW COST OF OWNERSHIP

The MaxxForce 7 and its advanced fuel and air management systems provide outstanding fuel economy, especially in city cycle conditions. Combined with exceptional reliability and serviceability, this V8 provides low cost of ownership over its extended service life, with a B50 design life** of 375,000 miles.

FEATURES:

MAXXFORCE 7 SPECS

Configuration: V-8
Displacement: 6.4 L (389 Cu. In.)
Power Output: 215 HP
Peak Torque: 560 Lb./Ft.

Aspiration: Electric Variable Response Turbocharger
Combustion System: Direct Injection
B50 Design Life**: 375,000 Miles

MAXXFORCE 7 PERFORMANCE DATA

Horsepower (BHP): 215 @ 2600
Torque (Lb./Ft.): 560 @ 1400

Gov. Speed (RPM): 2800
Clutch Engagement Torque @ 800 RPM: 350

PREVENTIVE MAINTENANCE INTERVALS

Change Engine Oil, Replace Oil Filter: 10,000 Miles / 300 Hours / 1,000 Gallons of Fuel
Replace Fuel Filter: 30,000 Miles
Replace Coolant*: 300,000 Miles / 5 Years / 12,000 Hours
Valve Lash Adjustment: Not Required
Crankcase Breather: 60,000 Miles

*Add extender @ 150,000 Miles / 2.5 Years / 6,000 Hours

** B50 design life is the mileage that 50% of the engine population would exceed without failure requiring removal of the oil pan, cylinder head, front gear train or an in-frame overhaul